

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A01H1/04

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99/52345 A (PLANT BIOSCIENCE LTD) 21 October 1999 (1999-10-21) cited in the application the whole document	1-17
Y	BRANCA FERDINANDO ET AL: "Survey of aliphatic glucosinolates in Sicilian wild and cultivated Brassicaceae" April 2002 (2002-04), PHYTOCHEMISTRY (OXFORD), VOL. 59, NR. 7, PAGE(S) 717-724 , XP002289628 ISSN: 0031-9422 the whole document	1-17
Y	WO 03/004619 A (QUIROS CARLOS ;LI GENYI (US); UNIV CALIFORNIA (US)) 16 January 2003 (2003-01-16) pages 8,10,11,45 Examples, Tables, -/-	1-17

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

23 July 2004

Date of mailing of the international search report

06/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Holtorf, S

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 97/09889 A (FAHEY JED W ;TALALAY PAUL (US); HOPKINS J SCHOOL OF MEDICINE (US)) 20 March 1997 (1997-03-20) the whole document	17
A	GIAMOUSTARIS ET AL: "Genetics of aliphatic glucosinolates. IV. side-chain modification in Brassica oleracea" THEORETICAL AND APPLIED GENETICS, SPRINGER, BERLIN, DE, vol. 93, 1996, pages 1006-1010, XP002099586 ISSN: 0040-5752 the whole document	
A	TROYER J K ET AL: "Analysis of glucosinolates from broccoli and other cruciferous vegetables by hydrophilic interaction liquid chromatography" JOURNAL OF CHROMATOGRAPHY, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 919, no. 2, 15 June 2001 (2001-06-15), pages 299-304, XP004248013 ISSN: 0021-9673 the whole document	
A	MITHEN ET AL: "Glucosinolates of wild and cultivated brassica species" PHYTOCHEMISTRY, PERGAMON PRESS, GB, vol. 26, no. 7, 1987, pages 1969-1973, XP002110359 ISSN: 0031-9422 page 1, right-hand column	
A	WO 99/27120 A (MITHEN RICHARD FRANCIS ;PLANT BIOSCIENCE LTD (GB)) 3 June 1999 (1999-06-03) the whole document	

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9952345	A	21-10-1999	AT 220852 T AU 3431099 A CA 2327703 A1 DE 69902246 D1 DE 69902246 T2 EP 1069819 A1 ES 2179640 T3 FR 2819376 A1 FR 2778312 A1 WO 9952345 A1 IT MI990732 A1 JP 2002511235 T US 6340784 B1	15-08-2002 01-11-1999 21-10-1999 29-08-2002 27-02-2003 24-01-2001 16-01-2003 19-07-2002 12-11-1999 21-10-1999 09-10-2000 16-04-2002 22-01-2002
WO 03004619	A	16-01-2003	WO 03004619 A2	16-01-2003
WO 9709889	A	20-03-1997	US 5725895 A AT 218816 T AU 710443 B2 AU 7160596 A BR 9610510 A CA 2232488 A1 CA 2368867 A1 CN 1200653 A ,B DE 69621812 D1 DE 69621812 T2 DK 852467 T3 EA 2571 B1 EP 1219180 A1 EP 0852467 A1 ES 2177805 T3 IL 123664 A JP 2000502245 T JP 3359642 B2 JP 2002193822 A PT 852467 T TR 9800463 T1 WO 9709889 A1 US 6177122 B1 US 5968567 A US 5968505 A	10-03-1998 15-06-2002 23-09-1999 01-04-1997 09-05-2000 20-03-1997 20-03-1997 02-12-1998 18-07-2002 20-03-2003 07-10-2002 27-06-2002 03-07-2002 15-07-1998 16-12-2002 28-01-2001 29-02-2000 24-12-2002 10-07-2002 29-11-2002 21-05-1998 20-03-1997 23-01-2001 19-10-1999 19-10-1999
WO 9927120	A	03-06-1999	AU 746519 B2 AU 1250899 A CA 2309001 A1 EP 1032691 A1 WO 9927120 A1	02-05-2002 15-06-1999 03-06-1999 06-09-2000 03-06-1999